

IN THE CLAIMS

Please cancel claims 7 and 11 – 13.

Please add new claims 38 – 42

Please amend claims 1 – 10 and 14 – 37 as follows:

1. (Currently amended) A system for sending and receiving SMS messages between SMS message devices located in different wireless networks, said system comprising:

at least ~~one~~ a first hardware device located in a first wireless communication network;

~~the said first~~ hardware device being connected to the Internet;

~~the said first~~ hardware device having a machine readable storage, having stored thereon a computer program comprising a plurality of code sections executable by a machine for receiving and forwarding ~~being programmed to receive and forward~~ SMS messages ~~via from~~ the Internet to said first wireless communication network and from said first ~~via~~ wireless communication network to the Internet;

at least ~~one other~~ a second hardware device located in ~~at least one other~~ a second wireless communication network;

~~the said~~ second hardware device being connected to the Internet;

the said second hardware having a machine readable storage, having stored thereon a computer program comprising a plurality of code sections executable by a machine for receiving and forwarding being programmed to receive and forward SMS messages via from the Internet to said second wireless communication network and from said second via wireless communication network to the Internet;

at least one server device that is connected to the Internet;

said server having a machine readable storage, having stored thereon a computer program comprising a plurality of code sections executable by a machine for maintaining a plurality of interrelated tables comprising a database, said database containing user-provided personalized information cross-referencing SMS user devices and predetermined routing and identification information for routing SMS messages to selected, identified SMS message recipients,

said first hardware device receiving an SMS message from a user's SMS device in said first wireless communication network and forwarding said SMS message to said server on the Internet,

the said server device being programmed to receive receiving said SMS messages message from the said first hardware device, devices via the Internet analyzing said SMS message and accessing said database to verify that said SMS message originated the

~~messages are SMS messages from an authorized users, user of the system and to determine the intended recipient of said SMS message,~~

~~said server obtaining routing information from said database for directing said SMS message to said intended recipient, said routing information including identifying said second wireless communication network and determining the IP address of said second determine which hardware device to which said SMS message will be forwarded forward the SMS messages to, forwarding said forward the SMS message messages to the appropriate said second hardware device, devices via the Internet and maintain maintaining account information for debiting said user users of the system;~~

~~whereby a user located in one wireless communication network, who desires to send an SMS message to a recipient in a different wireless communication network, can access the system via wireless communications to a hardware device in his or her wireless communication network and forward the SMS message to the hardware device, the hardware device will then forward the SMS message to the server device via the internet;~~

~~the server device will then verify that the message is an SMS message from an authorized user, determine which other hardware device to forward the SMS message to and then forward the SMS message, via the internet, to the other hardware device in the desired recipients network;~~

~~the said second hardware device in the desired recipient's network will forward~~
~~the receiving said SMS message from said server and forwarding said SMS message to~~
~~the desired said intended recipient in said second via wireless communication network~~
~~communications, the said second hardware device in the desired recipient's network will~~
~~send sending a confirmation message to the said server device once the desired after said~~
~~intended recipient has received the said SMS message; and,~~

~~the said server device will then debit the debiting said user's account.~~

2. (Currently amended) The system of claim 1, wherein said at least ~~one~~ a first hardware device in ~~[[a]] said first wireless communications~~ communication network comprises one ~~of a plurality of hardware devices; said at least one other~~ a second hardware device in at least ~~one other said second wireless communications~~ communication network comprises one ~~of a plurality of hardware devices in said second communication network; and said at least one other~~ second wireless ~~communications~~ communication network comprises one ~~of a plurality of wireless communications networks.~~
3. (Currently amended) The system of claim 1, wherein ~~the~~ said first and said second hardware devices ~~are~~ each comprise a cellular ~~telephones~~ telephone connected to a computer.
4. (Currently amended) The system of claim 3, wherein ~~the~~ said hardware device is further programmed to assist the server device in determining which other hardware device to

forward the SMS messages to, when such messages are received and forwarded by the system via wireless communication.

5. (Currently amended) The system of claim 1 wherein the server ~~device~~ is a computer.
6. (Currently amended) The system of claim 1 further comprising a plurality of user SMS message devices, ~~the~~ said SMS message user devices being computers that are programmed to communicate with ~~the~~ said server ~~device~~ ~~via~~ across the internet, ~~[[;]]~~ and ~~the~~ said server ~~device~~ is further programmed to communicate with ~~the~~ said SMS message user devices ~~via~~ across the Internet.
7. (Cancelled)
8. (Original) The system of claim 6, wherein the server device is further programmed to forward SMS messages for authorized users of the system to the user's email account.
9. (Original) The system of claim 6, wherein the server device is further programmed to store SMS messages and allow authorized users of the system to send and retrieve SMS messages via an HTML based interface on the Internet.
10. (Currently amended) The system of claim 1 wherein ~~the~~ said computer program being executed on said server ~~device~~ ~~is further programmed~~ causes said server to forward SMS

ssages to a Short Message Service Center (SMSC) located within a wireless communications carriers communication network for delivery to an intended recipient, and to receive SMS messages from a Short Message Service Center (SMSC) located within a wireless communications carriers communications network, and forward the said SMS messages ~~received from the wireless communications carriers~~ to the desired ~~recipient~~ intended recipients.

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

14. (Currently amended) The system of claim ~~13~~ 1, further comprising a plurality of user computers, said user computers having the capability for sending SMS messages and being in communication with said server across the Internet,

said computer program on said ~~wherein the server devices are further programmed to allow authorized users of the system to send~~ further comprising one or more executable code sections that allow said server to receive an SMS messages message from one of said user computers ~~from a user device to a server device,~~ determine if the routing information from said database to direct said SMS message to the intended recipient of said SMS message ~~is to be forwarded to a hardware device via the internet,~~ and forward

~~the said~~ SMS message to ~~the appropriate~~ a hardware device in the wireless communication network where said intended recipient is located for further forwarding to said , ~~which will then forward the SMS message to the intended recipient via wireless communication.~~

15. (Currently amended) The system of claim ~~13~~ 14, further comprising e-mail accounts whereby SMS messages can be sent or received as e-mail, and one or more of said executable code sections in said computer program on said server causes said ~~wherein the server devices are further programmed to~~ receive SMS messages sent from an e-mail account or to forward SMS messages for authorized users of the system to the user's an email account, as directed by instructions comprising said personalized information maintained in said database.
16. (Currently amended) The system of claim ~~13~~ 14, wherein one or more of said executable code sections in said computer program on said ~~the server devices are further programmed causes said server to store SMS messages and allow~~ whereby authorized users of the system to can send and retrieve SMS messages ~~via~~ using an HTML based interface on the Internet.
17. (Currently amended) The system of claim ~~11~~ 14 wherein one or more of said executable code sections in said computer program on said ~~the server devices are further programmed causes said server to forward SMS messages to an SMSC of a wireless communications carriers~~ carrier and to receive SMS messages from an SMSC of a

wireless communications ~~earriers~~ carrier, and to forward ~~the~~ SMS messages received from ~~the~~ an SMSC of a wireless communications ~~earriers~~ carrier to ~~the~~ a desired recipient.

18. (Currently amended) The system of claim ~~11~~ 14 further comprising a plurality of servers connected to the Internet, each said server having a machine readable storage and having stored thereon a computer program comprising a plurality of code sections executable by a machine to cause said servers ~~wherein the service devises are further programmed to~~ exchange information concerning SMS messages and user accounts ~~via~~ across the Internet.

19. (Currently amended) A system for sending and receiving SMS messages, comprising:

a plurality of SMS message user devices that can send and receive SMS messages,

a plurality of hardware devices;

~~the~~ each said hardware device comprising a cellular telephone ~~telephones~~ connected to a computer, each said ~~the~~ hardware device ~~devises~~ being connected to the Internet;

said plurality of hardware devices being located in a plurality of wireless communication networks such that each of said plurality of wireless communications networks contains a plurality of hardware devices;

~~the~~ each of said plurality of hardware devices being programmed to receive and forward SMS messages ~~via~~ using the Internet and ~~via~~ using one of said plurality of wireless communication networks;

~~the hardware devices being located in a plurality of wireless communication networks such that each wireless communications network contains a plurality of hardware devices;~~

a plurality of ~~server devices that are~~ servers connected to the Internet; ~~the server devices ,~~
said servers comprising ~~being~~ computers:

~~the server devices being programmed to receive~~ each said server having a machine readable storage, having stored thereon a computer program comprising a plurality of code sections executable by a machine for receiving SMS messages from the said hardware devices via the Internet, ~~verify and verifying that the SMS messages are SMS messages from~~ are authorized users of the system, each said server maintaining one or more tables comprising a database containing at least a list of users of said system and routing information for routing SMS messages to predetermined recipients, said routing information being based upon user-supplied information provided by an authorized user, said user-supplied information comprising at least a user generated recipient identification code,

~~determine which hardware device to forward the SMS messages to,~~ said plurality of executable code sections causing each said server to access said database and forward the SMS messages received by each said server to the appropriate hardware devices via the Internet and maintain account information for debiting users of the system;

said plurality of executable code sections causing said servers ~~the server devices being further programmed~~ to communicate with the said SMS message user devices via the Internet;

said plurality of executable code sections causing said servers ~~the server devices being further programmed~~ to allow authorized users of the system to send SMS messages from a user device one of said SMS message user devices to a server device and one of said servers, and to determine ~~if the~~ whether one or more of said SMS messages message is to be forwarded to a hardware device via the internet;

said plurality of executable code sections causing said servers ~~the server devices being further programmed~~ to forward SMS messages for one of said authorized users of the system to the said user's email account;

said plurality of executable code sections causing said servers ~~the server devices are further programmed~~ to store SMS messages and allow ~~authorized~~ users of the system to send and retrieve SMS messages via an HTML based interface on the Internet;

~~the said plurality of SMS message user devices being comprising computers that are programmed to communicate with the server device said servers via the Internet;~~

~~whereby a user located in one wireless communication network, who desires to send an SMS message to a recipient in a different wireless communication network, can access the system via wireless communications or directly through his or her computer;~~

~~the server device will verify that the message is an SMS message from an authorized user, determine the appropriate routing to deliver the message and forward or store the message accordingly; and~~

~~said plurality of executable code sections causing said servers to monitor the delivery of SMS messages such that, when the an intended recipient receives the an SMS message via a wireless communication network, an by email from the server device, or by retrieving it from the a server device via an HTML based interface, the server device will debit the a user's account.~~

20. (Currently amended) The system of claim 19, wherein at least one of the said plurality of hardware devices is ~~further~~ programmed to assist the a server device in determining to which ~~other~~ hardware device in said plurality of hardware devices an ~~to forward the SMS messages to;~~ message should be forwarded when such messages are said SMS message is received and forwarded by said server to a recipient ~~the system~~ via a wireless communication network.

21. (Currently amended) The system of claim 19 wherein ~~the server devices~~ said servers are ~~further~~ programmed to forward SMS messages to SMSC wireless communications carriers and to receive SMS messages from SMSC wireless communications carriers, and forward ~~the~~ SMS messages received from ~~the~~ SMSC wireless communications carriers to the desired ~~recipient~~ recipients.
22. (Currently amended) The system of claim 19 wherein ~~the server devices~~ servers are ~~further~~ programmed to exchange information concerning SMS messages and user accounts via the Internet.
23. (Currently amended) A method for receiving an SMS message from a sender in a first ~~one~~ wireless communication network and forwarding the said SMS message to a recipient in ~~another~~ a second wireless communication network comprising the steps of:
- (a) a first hardware device receiving an SMS message from said first wireless communication network, said SMS message including information identifying the SMS message user device from which said SMS message was sent and further including a predetermined user-supplied recipient identification code from which the intended recipient of said SMS message may be identified, said ~~on a~~ first hardware device[[,]] being located in the message sender's said first wireless communications network, said first hardware device having an IP address and being that is connected to the Internet, said first hardware device receiving said SMS message from said first wireless communications network, and programmed to receive converting said SMS message to

internet protocol (IP) and forward forwarding said SMS message messages via wireless communications and the Internet:

(b) forwarding a said SMS message to being received by a server connected to device, via the Internet, that is programmed to receive and forward SMS messages said server maintaining a database for recording and retrieving information relating to authorized users, said information comprising at least an authorized identification code cross-referenced to said user's SMS user device and including predetermined routing information to one or more wireless recipients comprising at least a recipient identification code and a wireless communications network for each of said one or more wireless recipients via the Internet;

(c) said server accessing said database to determine whether determining if the said SMS message is an SMS message from an authorized SMS message user;

(d) determining the and if said SMS message is authorized, said server further accessing said database to obtain predetermined routing information to deliver said SMS message to said SMS message recipient in said second wireless communications network, recipient said predetermined routing information including at least an IP address of said second hardware device on said second and the recipient's wireless communication network;

(e) forwarding the said SMS message, via the Internet, from the server device to a second hardware device attached to the internet and [[,]] located in said second the recipient's wireless communication network, that is connected to the Internet and programmed to receive and forward SMS messages via wireless communications and the Internet; and

- (f) said second hardware device forwarding said ~~the~~ SMS message to ~~the desired~~ said recipient~~[[,]]~~ via said second wireless communication network ~~from the hardware device~~ ~~in the desired recipient's network~~.
24. (Currently amended) The method of claim 23, further comprising ~~the additional step of~~ debiting ~~the~~ a user's account ~~of the appropriate user~~ after the message is successfully forwarded.
25. (Currently amended) The method of claim 23, further comprising ~~the additional step of~~ notifying the sender of said SMS message after ~~the~~ said message is successfully forwarded.
26. (Currently amended) A method for receiving an SMS message from a sender in ~~one~~ a first wireless communication network and forwarding ~~the~~ said SMS message to ~~[[a]]~~ an SMS message recipient in ~~another~~ a second wireless communication network comprising the steps of:
- (a) receiving an SMS message on a hardware device~~[[,]]~~ located in ~~the message sender's~~ said first wireless communication network, said hardware device being ~~that is~~ connected to the Internet and programmed to receive and forward SMS messages via wireless communications and the Internet;
- (b) forwarding a said SMS message to a server ~~device~~, via the Internet, ~~that is~~ said server being programmed to receive and forward SMS messages via the Internet;

- (c) ~~determining if the~~ accessing information including a user-supplied recipient identification code stored on said server to determine whether said SMS message is an SMS message from an authorized user;
 - (d) analyzing said recipient identification code to determine said ~~determining the~~ SMS message recipient;
 - (e) determining that ~~the~~ said SMS message recipient is authorized to receive ~~the~~ said SMS message via ~~his or her~~ an email account; and
 - (f) forwarding ~~the~~ said SMS message from ~~the~~ said server ~~device~~ to said recipient's ~~the recipients~~ email address.
27. (Currently amended) The method of claim 26, further ~~comprising the additional step of:~~ debiting a user's ~~the account of the appropriate user~~ after ~~the~~ said message is successfully forwarded.
28. (Currently amended) The method of claim 26, further ~~comprising the additional step of:~~ notifying ~~the~~ said sender after the message is successfully forwarded.
29. (Currently amended) A method for receiving an SMS message from a sender in ~~one~~ a first wireless communication network and forwarding ~~the~~ said SMS message to a recipient in ~~another~~ a second wireless communication network comprising the steps of:
- (a) receiving an SMS message[[,]] via ~~an~~ email[[,]] on a server ~~device~~ that is programmed to receive and forward SMS messages via the Internet;

(b) d

etermining if ~~the~~ said message is an SMS message from an authorized user;

- (c) accessing information stored on said server to determine said ~~determining the~~ SMS message recipient, said information including at least a recipient identification code and the said recipient's wireless communication network,;
- (d) forwarding ~~the~~ said SMS message~~[[,]]~~ via the internet~~[[,]]~~ from ~~the~~ said server ~~devi~~ee to a hardware device~~[[,]]~~ located in the said recipient's wireless communication network, ~~that is~~ said hardware device being connected to the Internet and programmed to receive and forward SMS messages via wireless communications and the Internet; and
- (e) forwarding ~~the~~ said SMS message to ~~the~~ said desired recipient~~[[,]]~~ via a wireless communication network~~[[,]]~~ from ~~the~~ said hardware device in ~~the~~ said desired recipient's network.

30. (Currently amended) The method of claim 29, further comprising ~~the additional step of:~~ debiting ~~the~~ a user's account ~~of the appropriate user~~ after the message is successfully forwarded.

31. (Currently amended) The method of claim 29, further comprising ~~the additional step of:~~ notifying ~~the~~ said sender after ~~the~~ said message is successfully forwarded.

32. (Currently amended) A method for receiving an SMS message from a sender in ~~one~~ a first wireless communication network and forwarding ~~the~~ said SMS message to a recipient in ~~another~~ a second wireless communication network comprising the steps of:

- (a) receiving an SMS message on a hardware device~~[[,]]~~ located in ~~the message sender's~~ said first wireless network, said hardware device being ~~that is~~ connected to the Internet and programmed to receive and forward SMS messages via a wireless communications network and the Internet;
 - (b) forwarding a said SMS message to a server ~~device~~~~[[,]]~~ via the Internet~~[[,]]~~ ~~that is~~ said server being programmed to receive and forward SMS messages via the Internet;
 - (c) determining if ~~the~~ said SMS message is an SMS message from an authorized user;
 - (d) accessing information stored on said server to determine ~~determining~~ the SMS message recipient, said stored information including at least a user-supplied recipient identification code;
 - (e) determining that ~~the~~ said recipient is authorized to retrieve ~~the~~ said SMS message from ~~the~~ said server via an HTML based interface; and
 - (f) storing ~~the~~ said SMS message until ~~the~~ said recipient retrieves it.
33. (Currently amended) The method of claim 32, further comprising ~~the additional step of~~ debiting ~~the~~ a user's account ~~of the appropriate user~~ after the said message is successfully forwarded.
34. (Currently amended) The method of claim 32, further comprising ~~the additional step of~~ notifying ~~the~~ said sender after ~~the~~ said message is successfully forwarded.

35. (Currently amended) A method for receiving an SMS message from a sender in one wireless communication network and forwarding ~~the~~ said SMS message to a recipient in another wireless communication network comprising the steps of:
- (a) receiving an SMS message, via an HTML based interface[[,]] on a server device that is programmed to receive and forward SMS messages via the Internet;
 - (b) determining if ~~the~~ said message is an SMS message from an authorized user;
 - (c) accessing user-supplied information maintained on said server including a recipient identification code to determine ~~determining~~ the SMS message recipient and ~~the~~ said recipient's wireless communication network;
 - (d) forwarding ~~the~~ said SMS message[[,]] via the internet[[,]] from ~~the~~ said server ~~device~~ to a hardware device[[,]] located in ~~the~~ said recipient's wireless communication network, ~~that is~~ said hardware device being connected to the Internet and programmed to receive and forward SMS messages via wireless communications networks and the Internet; and
 - (e) forwarding ~~the~~ said SMS message to ~~the~~ said desired recipient[[,]] via a wireless communication network[[,]] from ~~the~~ said hardware device in ~~the~~ said desired recipient's network.
36. (Currently amended) The method of claim 35, further comprising ~~the additional step of:~~ debiting a user's ~~the account of the appropriate user~~ after ~~the~~ said message is successfully forwarded.

37. (Currently amended) The method of claim 35, further comprising ~~the additional step of~~ notifying the sender after ~~the~~ said message is successfully forwarded.

38. (New) A system for sending and receiving SMS messages, said system comprising:

a first computer, said first computer being connected to the Internet and having a machine readable storage, having stored thereon a computer program comprising a plurality of code sections executable by a machine for receiving SMS messages from the Internet and sending said SMS messages to an output port connected to said first computer, and for receiving SMS messages from an input port connected to said first computer and sending SMS messages to the Internet;

a second computer, said second computer being connected to the Internet and having a machine readable storage, having stored thereon a computer program comprising a plurality of code sections executable by a machine for receiving SMS messages from the Internet and sending said SMS messages to an output port connected to said second computer, and for receiving SMS messages from an input port connected to said second computer and sending SMS messages to the Internet;

at least one server that is connected to the Internet;

said server having a machine readable storage, having stored thereon a computer program comprising a plurality of code sections executable by a machine for maintaining a plurality of interrelated tables comprising a database, said database containing user-

provided personalized information cross-referencing SMS users and predetermined routing and identification information for routing SMS messages to selected, identified SMS message recipients,

said server receiving said SMS message from said first computer, analyzing said SMS message and accessing said database to verify that said SMS message originated from an authorized user and to determine the intended recipient of said SMS message,

said server obtaining routing information from said database for directing said SMS message to said intended recipient, said routing information including determining the IP address of said second computer to which said SMS message will be forwarded, forwarding said SMS message to said second computer, and maintaining account information for debiting said user;

said second hardware device receiving said SMS message from said server and forwarding said SMS message to said output port connected to said second computer and sending a confirmation message to said server; and,

said server then debiting said user's account.

39. (New) A system as claimed in claim 38, further comprising a keyboard being attached to said input port of said first computer.

40. (New) A system as claimed in claim 38, further comprising a cellular telephone being connected to said input port of said first computer.
41. (New) A system as claimed in claim 38, further comprising a visual display being connected to said output port of said second computer.
42. (New) A system as claimed in claim 38, further comprising a cellular telephone being connected to said output port of said second computer.